

Senate File 2195

H-8163

1 Amend the amendment, H-8151, to Senate File 2195, as
2 passed by the Senate, as follows:

3 1. Page 2, after line 25 by inserting:

4 <Sec. ____ . NEW SECTION. 476.10C Solar panel
5 installation — annual analysis.

6 1. The division shall enter into an agreement with
7 the department of administrative services to contract
8 with an independent engineer selected by the department
9 to conduct an analysis regarding the performance of
10 solar panels installed at the energy-efficient building
11 constructed pursuant to section 476.10B. The analysis
12 shall be conducted on an annual basis commencing on
13 December 31 of the year following a full year of solar
14 panel operation and December 31 each year thereafter,
15 and shall continue until the panels are removed from
16 service. A report summarizing the annual analysis
17 shall be submitted to the general assembly by March 31
18 following each annual analysis period.

19 2. The annual analysis shall include or encompass
20 the following factors:

21 a. The total actual cost to acquire, install, test,
22 and commission the installation project.

23 b. The total operating and maintenance costs
24 incurred, including but not limited to internal
25 and external labor, repairs, panel cleaning, and
26 replacement parts.

27 c. The actual kilowatt hours of alternating-current
28 generation produced by the project and the associated
29 capacity factor.

30 d. The performance ratio for the project.

31 e. The actual project availability.

32 f. The sale of any renewable energy credits
33 generated by the project.

34 g. The calculated annual degradation rate for the
35 project.

36 h. The alternating current output in comparison to
37 solar insolation.

38 i. The actual electricity and demand charge savings
39 resulting from the project.

40 j. Financing costs incurred to support the project.

41 k. Estimated project decommissioning costs, net of
42 any expected salvage value.

43 l. The projected and actual internal rate of return
44 and payback of the project including tax impacts, to
45 the extent applicable over the twenty-five-year period
46 following installation.

47 3. In conducting the analysis, each of the factors
48 listed in subsection 2 shall be compared to and
49 reconciled with the pro forma document developed when
50 the project was originally proposed.

1 4. The amount to be expended by the division for
2 purposes of conducting the analysis shall not exceed
3 ten thousand dollars annually.>
4 2. By renumbering as necessary.

WATTS of Dallas